

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/IB 03/05395

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03F1/30

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 589 800 A (PETERSON KIRK D) 31 December 1996 (1996-12-31) column 5, line 27 -column 6, line 59; figure 4	1,3,6
A	US 6 486 739 B1 (LUO SIFEN) 26 November 2002 (2002-11-26) the whole document	1,4
A	US 6 064 268 A (FELPS JIMMIE D) 16 May 2000 (2000-05-16) column 2, line 27 -column 4, line 7; figures 2,3	1,3,5,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

13 February 2004

Date of mailing of the international search report

19/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kurzbauer, W

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5589800	A	31-12-1996	US 5515010 A	07-05-1996
US 6486739	B1	26-11-2002	NONE	
US 6064268	A	16-05-2000	NONE	